

PERMIT APPLICATION: NRS #05-290

APPLICANT: Bailey Weiner
MJ Farms
80 East Parkway
Memphis, TN 38104
(901) 647-5151

LOCATION: The project is located in the southwest corner of Germantown Road and Bellevue Parkway; Memphis, Shelby County.

WATERSHED DESCRIPTION: The project site is surrounded by mostly mixed-use commercial and residential development located to the east and to the south. Fletcher Creek is located to the west. The unnamed tributary to Fletcher Creek is a previously relocated channel. It runs parallel to Germantown Parkway. Canopy along this section is sparse consisting mainly of red maple, sycamore, black willow and red oak.

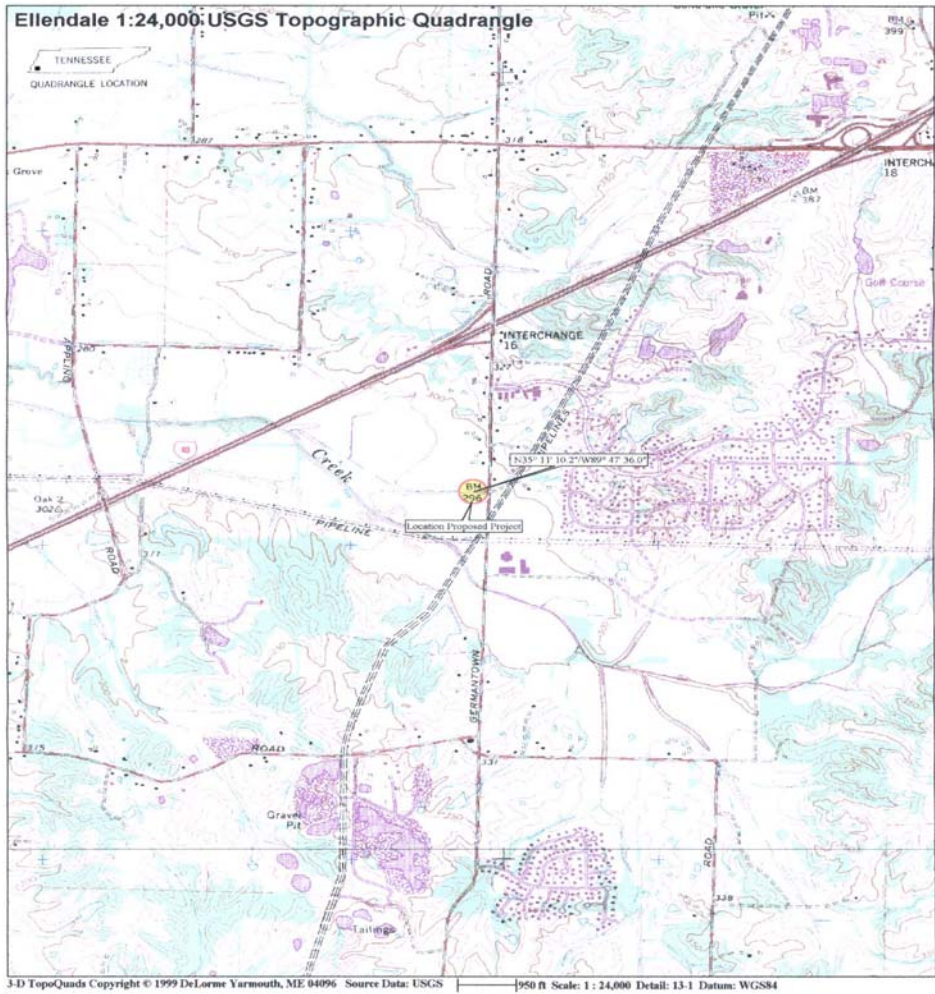
PROJECT DESCRIPTION: The applicant proposes to place 380 linear feet of the unnamed tributary to Fletcher Creek into a 7-foot by 13.5 foot concrete box culvert to prepare the site for a restaurant and associated parking. A precast or prefabricated culvert shall be used. The bottom of the box culvert shall be embedded not less than 18-inch below grade then backfilled with 18 inches of rock. Baffles, large rock or similar structures that shall allow for some natural substrate establishment and stabilization shall be placed in the culvert. Lighting shall be provided to the culverted stream through the use of at least three iron grates spaced evenly between each other. The permittee shall ensure that after construction of the culvert flow shall be conveyed from the upstream to downstream end with no loss or diminishment of flow. All joints or connections between concrete slabs shall be properly constructed so as not to capture flow. It is the responsibility of the permittee to convey all the terms and conditions of this certification to all contractors.

The proposed alterations to 380 linear feet of an unnamed stream shall be compensated for use of the Tennessee Stream Mitigation Program with the payment of \$76,000.

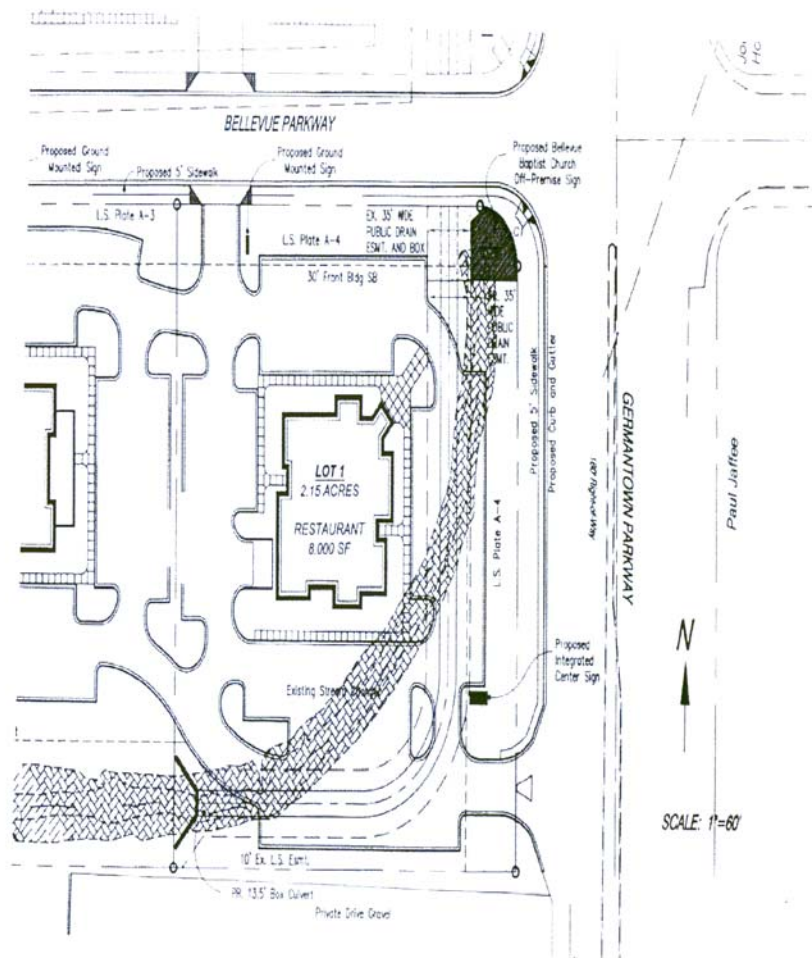
A tier determination of the unnamed tributary will be conducted prior to the issuance of the permit.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Ellendale 409 NE



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